

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Anthony ROBERTS, et al.

SERIAL NO: New U.S PCT Application Based on PCT/EP04/11212

GAU:

FILED: Hereewith

EXAMINER:

FOR: A COMPOSITION COMPRISING A LIQUID CRYSTAL MATERIAL AND AN ADDITIVE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION


- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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AP3 Rec'd PCT/PTO 12 JUN 2003 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 292102US8X PCT		SERIAL NO. New U.S PCT Application Based on PCT/EP04/11212	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Anthony ROBERTS, et al.			
FILING DATE Herewith				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA	3 656 834	4/18/1972	HALLER, Ivan et al.			
	AB	3 848 966	11/19/1974	SMITH, George W. et al.			
	AC	4 357 374	11/2/1982	OGAWA, Shoichi			
	AD						
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	AN						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	AO 1 197 791	4/17/2002	EP				NO
	AP 1 413 620	4/28/2004	EP				NO
	AQ 0 681 020	11/8/1995	EP				NO
	AR 0 541 388	5/12/1993	EP				NO
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	JACQ, PHILIPPE et al., "Preliminary Communication Chiral butadiene-tricarbonyliron liquid crystal complexes: racemates and enantiomers", Liquid Crystals, Vol. 21, No. 2, Pages 291-293, 1996.					
	AX	BARMATOV, E.B. et al., "Induction of the cholesteric mesophase in hydrogen-bonded blends of polymers with a low molecular mass chiral dopant", Liquid Crystals, Vol. 26, No. 4, Pages 581-587, 1999.					
	AY	BARMATOV, E.B. et al., "Cholesteric mesophase of the hydrogen-bonded blends of liquid crystalline ionogenic copolymers with a low molecular weight chiral dopant", Journal of Polymer Science, Part A (Polymer Chemistry), Vol. 37, No. 16, Pages 3215-3225, 1999. (English abstract only)					
	AZ	Takeda, M. et al., "Synthesis and properties of trifluoromethylated chiral dopants for ferroelectric liquid crystals", Journal of Materials Science, Vol. 30, No. 20, Pages 5199-5209, 1995. (English abstract only)				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							